



Zoo Interchange Integrated Corridor Management

PERFORMANCE REPORT

July 2017

(May Performance Data)

May Updates

The second National Performance Management Research Data Set (NPMRDS) contract was awarded to the University of Maryland and will consist of speed and travel time data provided by INRIX. The Zoo Interchange ICM performance measures report uses this data to determine travel times and speeds for freeway corridors (I-94 EB and WB and I-41 NB and SB) adjacent to arterial corridors. The first NPMRDS contract ended in February of this year with the delivery of the January 2017 data set. The new contract will pick up with February 2017 data. This report will be re-issued with the May 2017 freeway travel time and speed data when it becomes available.

Impact due to Incident: On May 17, the 84th St Entrance Ramp to I-94 WB had a lane closed from 3:30pm to 5:00pm that affected the 84th St SB travel time in the afternoon.

All data is two months behind the month it is reported as project data sets are not available until 3-4 weeks after the month ends.

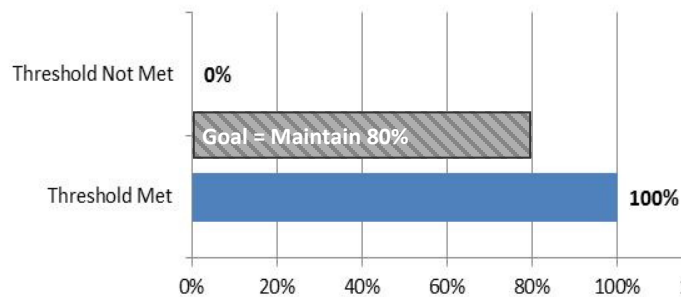
Mobility Summary—May

Corridor Average Travel Time measures the average travel time for a peak period against an established travel time threshold. The travel time threshold for arterial roads is 50% of the posted speed limit. The travel time threshold for freeways is the time it takes to travel the segment at 45 mph.

All arterial segments in May met the travel time thresholds.

Freeway segments for May 2017 will be reported in a future re-issue of this report.

Corridor Average Travel Time- Arterial

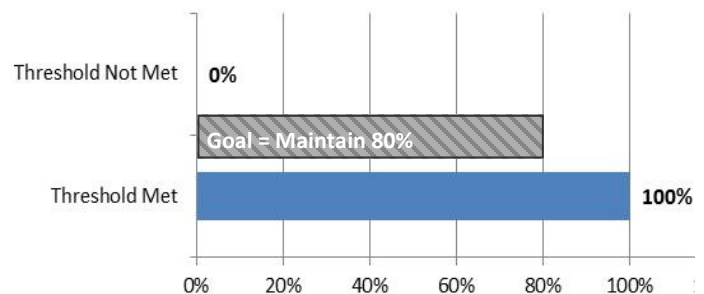


Percent Under Given Speed Threshold measures how many hours during the month peak travel times (AM and PM) speeds are slower than 50% of the posted speed limit for arterial corridors. Because of the varying speed limits on arterial roads, each corridor has a different threshold. Freeways are measured against a speed threshold of 45 mph. The percentage of speeds under the threshold should be less than 50%.

Freeway corridors for May 2017 will be reported in a future re-issue of this report.

The majority of arterial corridors were under 3%, the exceptions being Moorland Rd SB (28%), WIS 100 SB (I-94 to Beloit Rd) (16%), and WIS 100 SB (Capitol Dr to I-94) (7%).

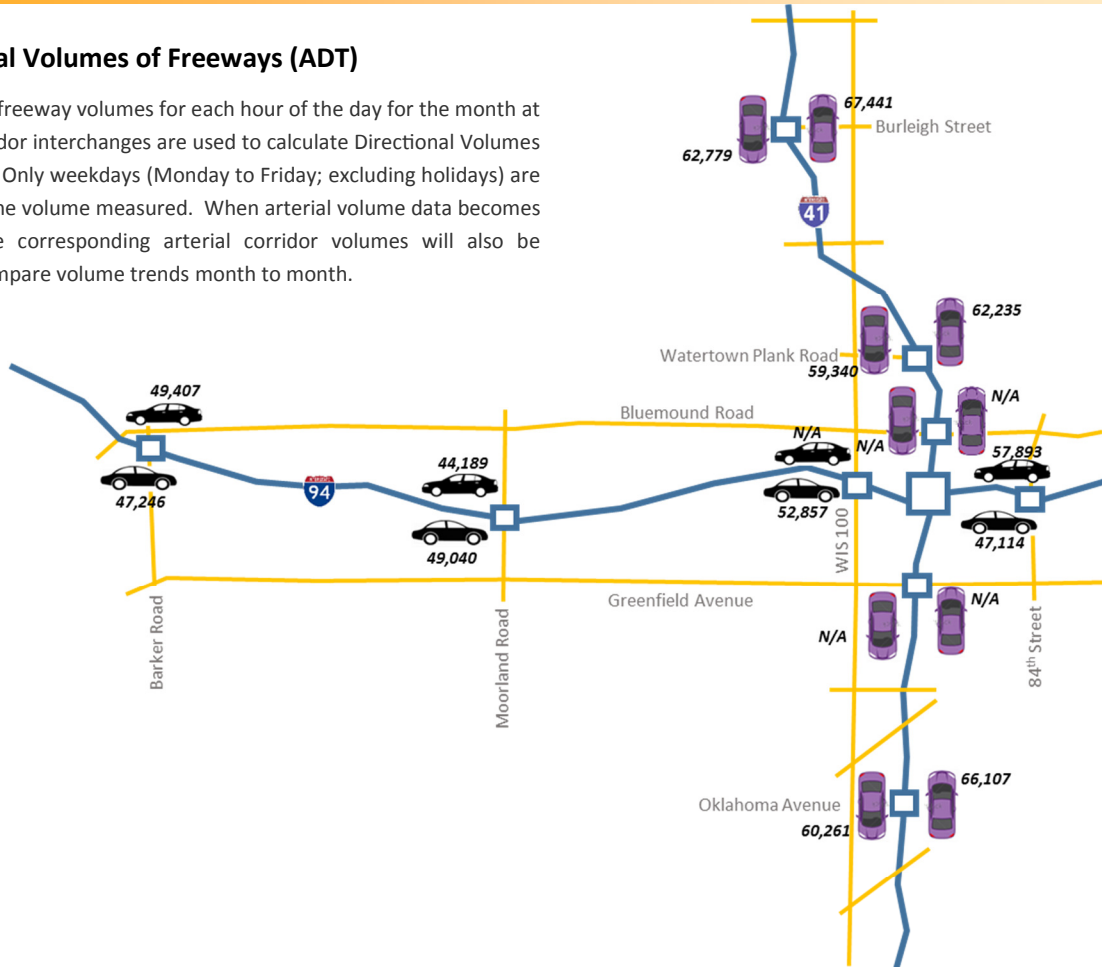
Percent Under Given Speed Threshold - Arterial



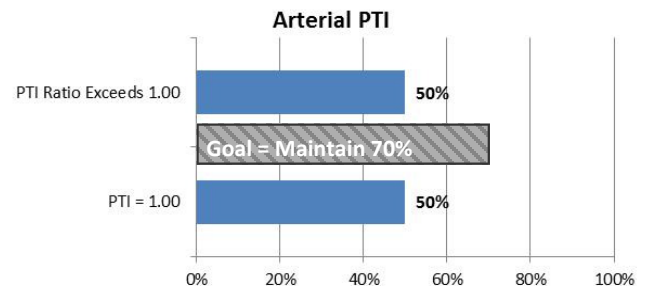
Mobility Summary—May

Directional Volumes of Freeways (ADT)

The average freeway volumes for each hour of the day for the month at specific corridor interchanges are used to calculate Directional Volumes of Freeways. Only weekdays (Monday to Friday; excluding holidays) are included in the volume measured. When arterial volume data becomes available the corresponding arterial corridor volumes will also be shown to compare volume trends month to month.



May 2017 freeway PTI data will be available in a future re-issue of this report.



The Planning Time Index (PTI) metric is the ratio of 95th percentile travel time to: (1) Travel time at 50% of the posted speed limit for arterial corridors, and (2) Travel time at posted speed limit (55 mph and 70 mph) for freeway corridors. This includes both AM and PM peak periods for the month. The minimum ratio is 1.00.

During May five arterial corridors exceeded the minimum PTI ratio of 1.00: 84th St NB & SB, Moorland Rd SB, WIS 100 SB (Capitol Dr to I-94), and WIS 100 SB (I-94 to Beloit Rd). 84th St has additional volumes from I-41 SB traffic diverting to Blue mound Rd eastbound (due to the Zoo Interchange N-E ramp closure) that use the 84th St on-ramp to I-94 EB to travel eastbound. See page 12 for all arterial PTI ratios.

May Events

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
I <ul style="list-style-type: none"> Fog (4:00am-7:00am) Rain, T-Storm (0.09", 2:00pm-Midnight) 	2 <ul style="list-style-type: none"> Rain (Trace, Midnight-5:00am; 6:00pm-7:00pm) Overnight: Zoo Int W-S system ramp (traffic shift) 11:50pm-12:31am (Wed 5/3): WIS 100 NB at Cleveland Ave (all lanes closed) 	3 <ul style="list-style-type: none"> 6:51am-7:45am: I-41/894 NB at Cold Spring Rd (left lane closed) 	4 <ul style="list-style-type: none"> 7:56am-8:26am: I-41/894 NB at Lincoln Ave (right shoulder closed) 7:55am-8:32am: I-41 SB at Bluemound Rd (right shoulder closed) 3:43pm-4:15pm: I-94 WB at 84th St (right lane closed) 8:23pm-8:50pm: I-41/894 SB off ramp to National Ave (ramp closed) 	5 <ul style="list-style-type: none"> Overnight: Zoo Int W-S system ramp access from the west and WIS 100 entrance ramp to W-S (traffic shift) 10:00am-11:11am: Greenfield Ave WB at Sunnyslope Rd (right lane closed) and Sunnyslope Rd NB at Greenfield Ave (right lane closed)
8 <ul style="list-style-type: none"> By 5:30am: I-94 EB between WIS 100 to the core (traffic shift) and WIS 100 entrance ramp to I-94 EB (ramp reopened) Overnight: I-94 WB between 84th St and WIS 100 (traffic switch); Zoo Int E-N system ramp (traffic switch) 	9 <ul style="list-style-type: none"> Rain (Trace, 8:00am-11:00am) 6:40pm—Brewers Game at Miller Park By 5:00am: Zoo Int E-N decision point is moved to 84th St (from the core); 84th St entrance ramp is restricted to go only to Zoo Int E-N (no access to I-94 WB) 3:55pm-4:20pm: I-41/894 NB at National Ave (lanes affected unknown) 4:48pm-5:41pm: I-41/894 NB at Lincoln Ave (lanes affected unknown) 	10 <ul style="list-style-type: none"> Rain (0.20", 3:00pm-Midnight) 7:10pm—Brewers Game at Miller Park 	11 <ul style="list-style-type: none"> Rain (0.13", Midnight-2:00am) 12:10pm—Brewers Game at Miller Park 6:45am-7:00am: I-94 WB at 84th St (lanes affected unknown) 7:15am-8:30am: I-94 WB at 116th St (center lane closed) 8:07am-9:00am: I-94 WB at 68th St (right lane closed) 3:50pm-4:28pm: Greenfield Ave and 101st St intersection (signal was flashing red) 	12 <ul style="list-style-type: none"> 7:10pm—Brewers Game at Miller Park Overnight: I-41 NB between core and Watertown Plank Rd (traffic switch) 7:10am-7:46am: I-94 EB at 116th St (two right lanes closed)
15 <ul style="list-style-type: none"> Rain, T-Storm (0.43", 5:00pm-Midnight) By 6:00am: Curtis Rd NB/SB at I-94 (traffic switch to NB roadway) 	16 <ul style="list-style-type: none"> Rain, T-Storm (0.02", Midnight-7:00am) 7:06am-7:55am: I-94 WB at 76th St (lanes affected unknown) 7:11am-7:58am: I-94 EB at 84th St (lanes affected unknown) 10:54am-11:26am: Watertown Plank Rd EB entrance ramp to I-41 NB (right lane closed) 	17 <ul style="list-style-type: none"> Rain, T-Storm (0.35", 7:30pm-Midnight) 12:15pm-1pm: I-94 EB at Elm Grove Rd (right lane closed) 3:30pm-4:57pm: 84th St entrance ramp to I-94 WB (to Zoo Int E-N only) (right shoulder closed) 	18 <ul style="list-style-type: none"> Rain (Trace, 4:00pm-5:00pm) 9:40am-10:16am: I-94 WB at Sunnyslope Rd (lanes affected unknown) 12:54pm-1:07pm: I-94 WB at 76th St (lanes affected unknown) 2:15pm-3:03pm: WIS 100 SB at Meinecke Ave (lanes affected unknown) 4:45pm-5:15pm: Watertown Plank Rd EB entrance I-41 NB (right lane closed) 	19 <ul style="list-style-type: none"> Rain (0.15", Noon-4:00pm) 9:00pm—5:00am Mon (5/22): North Ave WB west of WIS 100 to I-41 SB ramp (double left lanes closed) for utility work (AT&T) 7:28am-8:19am: I-41 NB at Bluemound Rd (lanes affected unknown) 12:27pm-2:29pm: I-94 WB at WIS 100 (left lane closed)
22 <ul style="list-style-type: none"> Rain (Trace, 2:00pm-11:00pm) By 9:00am—6:00pm Fri 5/26: Lincoln Ave WB at 107th St (left lane closed) for City of West Allis pavement repair work 7:50am-8:31am: I-94 EB at Elm Grove Rd (left lane closed) 10:00am-10:47am: I-94 WB at Underwood Creek Pkwy (right lane closed) 	23 <ul style="list-style-type: none"> Rain, T-Storm (0.21", 1:00pm-Midnight) 6:40pm—Brewers Game at Miller Park 	24 <ul style="list-style-type: none"> Rain (0.28", Midnight-11:00am) 12:10pm—Brewers Game at Miller Park Overnight: Zoo Int W-S/W-N system ramp access from the west and WIS 100 entrance ramp to W-S/W-N (traffic shift) 	25 <ul style="list-style-type: none"> 7:10pm—Brewers Game at Miller Park By 5:00am: Zoo Int W-N system ramp reopened By 6:00pm: Wisconsin Ave bridge over I-41 reopened Overnight: I-41 SB between Watertown Plank Rd and the core (traffic switch) 4:00pm-5:00pm: I-41 NB at Meinecke Ave (two right lanes closed) 	26 <ul style="list-style-type: none"> Rain (0.09", 5:00am-6:00am; 2:00pm-7:00pm) 7:10pm—Brewers Game at Miller Park By 5:00am: Zoo Int N-E system ramp reopened 9:39am-10:00am: Zoo Int E-N system ramp (right shoulder closed)
29 <ul style="list-style-type: none"> Rain, T-Storm (0.08", 8:00pm-10:00pm) Memorial Day 9:00am-1:30pm: Greenfield Ave EB/WB between 68th St and 76th St (full closure for parade) 6:11pm-6:30pm: I-94 WB at 84th St (lanes affected unknown) 	30 <ul style="list-style-type: none"> Rain, T-Storm (Trace, 4:00pm-7:00pm) By 6:00am: Curtis Rd NB/SB at I-94 (traffic switch to SB roadway) 1:22pm-2:45pm: I-94 WB at 92nd St (lanes affected unknown) 	31 <ul style="list-style-type: none"> 6:25am-7:10am: I-41/894 NB at S-W (right lane closed); 6:28am-7:10am: Zoo Int S-W system ramp closed 7:00am-7:45am: Oklahoma entrance ramp to I-41/894 NB (ramp closed) 7:00am-7:50am: I-41/894 NB at Beloit Rd (right shoulder closed) 2:10pm-5:00am Thu (6/1): Zoo Int S-W and N-W system ramp closed 2:32pm-3:38pm: I-94 WB at Zoo Interchange (all lanes closed, Zoo Int E-N remained opened) 		



ZOO INTERCHANGE ICM PERFORMANCE MEASURES

Performance and Trends - May 2017

Network Health Summary—May

	<i>Previous Month</i>	<i>Current Month</i>	<i>Target</i>	<i>Target Met</i>
DEVICE FAILURE IMPACT				
<i>CCTV</i>	1-High 3-Medium	1-Low 2-High 1-Medium	<5	✓
<i>DMS</i>	1-Medium	1-Low 1-Medium	<5	✓
<i>Ramp Meter</i>	2-High 5-Medium	1-High 4-Medium	<5	✓
<i>Bluetooth</i>	None	None	<5	✓
<i>Signal</i>	16	15	<20	✓
MAJOR COMMUNICATION FAILURE IMPACT	None for April	None for May		
DEVICE COMMUNICATION AVAILABILITY				
<i>CCTV</i>	97%	97%	90%	✓
<i>DMS</i>	97%	96%	90%	✓
<i>Bluetooth</i>	100%	100%	90%	✓
<i>Signal</i>	100%	100%	90%	✓

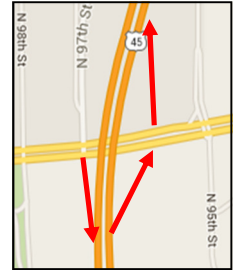
May Construction Events

LONG TERM CLOSURES

Full Closure: Bluemound Rd Entrance Ramp to I-41 SB (Closed until late August 2017)

Full Closure: I-41 NB Exit Ramp to Bluemound Rd (Closed until late April 2018)

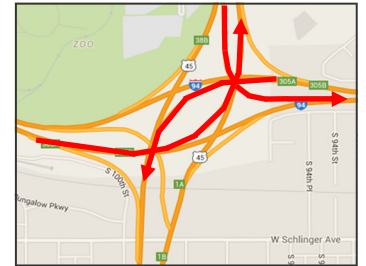
Lane Closure: Bluemound Rd Entrance Ramp to I-41 NB (April 6, 2017 to May 26, 2017)



Full Closure: Zoo Interchange WB to SB System Ramp (Closed until late November 2017)

Full Closure: Zoo Interchange SB to EB System Ramp (Closed until May 26, 2017)

Full Closure: Zoo Interchange EB to NB System Ramp (Closed until May 26, 2017)

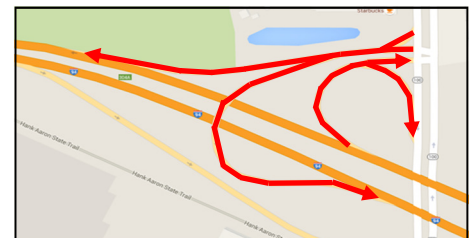


Full Closure: WIS 100 Entrance Ramp to I-94 WB (Closed until Fall 2017)

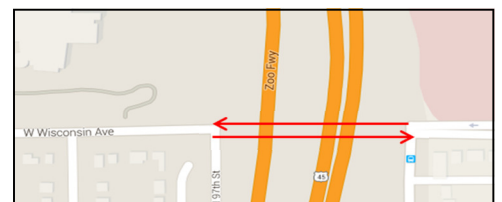
Full Closure: I-94 WB Exit Ramp to WIS 100 NB (Closed until late November 2017)

Full Closure: I-94 WB Exit Ramp to WIS 100 SB (from I-94 WB and I-41 NB) (Closed until late November 2017)

Full Closure: WIS 100 Entrance Ramp to I-94 EB (April 7, 2017 to May 8, 2017)



Full Closure: Wisconsin Ave EB & WB (95th St to 97th St) (Closed until May 26, 2017)



May Construction Events

LONG TERM CLOSURES

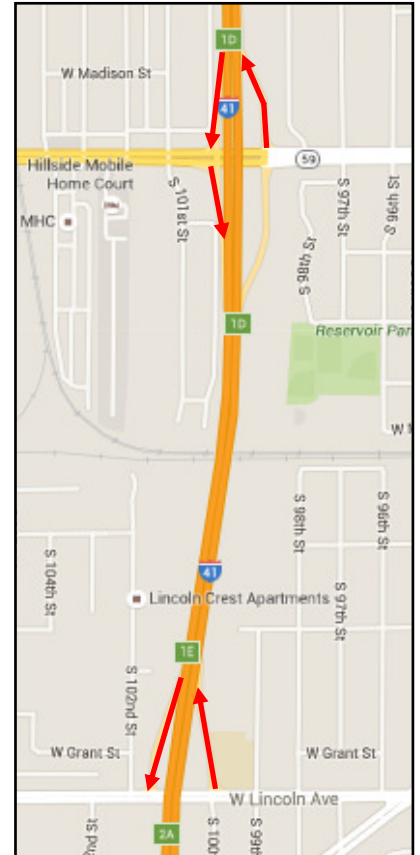
Partial Closure: Greenfield Ave Entrance Ramp to I-41/894 NB (Access to I-94 EB only) (Late 2017)

Full Closure: Lincoln Ave Entrance Ramp to I-41/894 NB (Closed until early Fall 2017)

Full Closure: Greenfield Ave Entrance Ramp to I-41/894 SB (Closed until early Fall 2017)

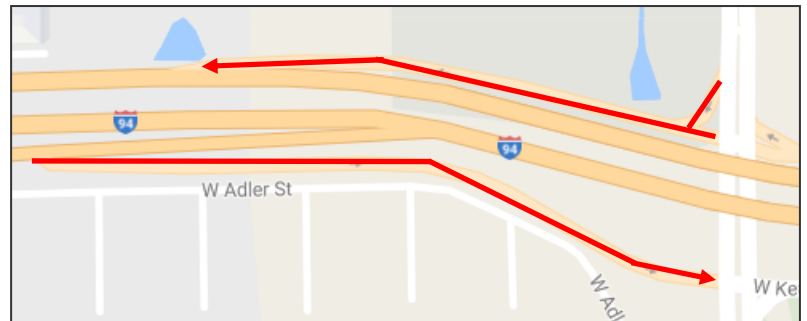
Full Closure: I-41/894 SB Exit Ramp to Greenfield Ave (Closed until Summer 2018)

Full Closure: I-41/894 SB Exit Ramp to Lincoln Ave (Closed until Summer 2018)



Full Closure: 84th Entrance Ramp to I-94 WB (Closed from May 9, 2017 to late 2017)

Full Closure: I-94 EB Exit Ramp to 84th St (from I-94 EB and I-41 SB) (Closed until late November 2017)





ZOO INTERCHANGE ICM PERFORMANCE MEASURES

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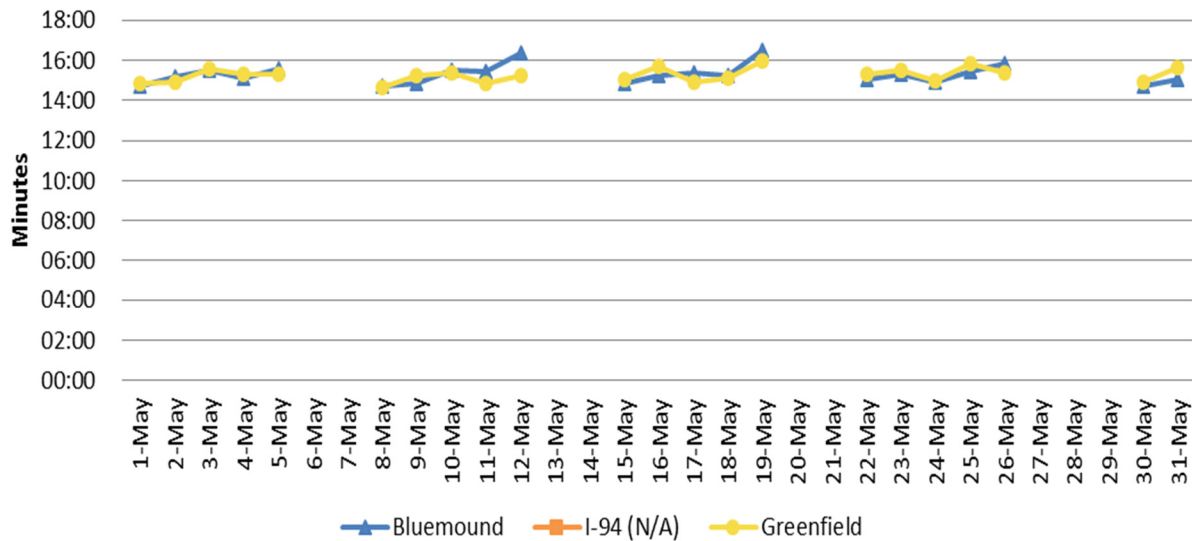
Directional Volumes of Freeways Table19

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CORRIDOR AVERAGE TRAVEL TIME

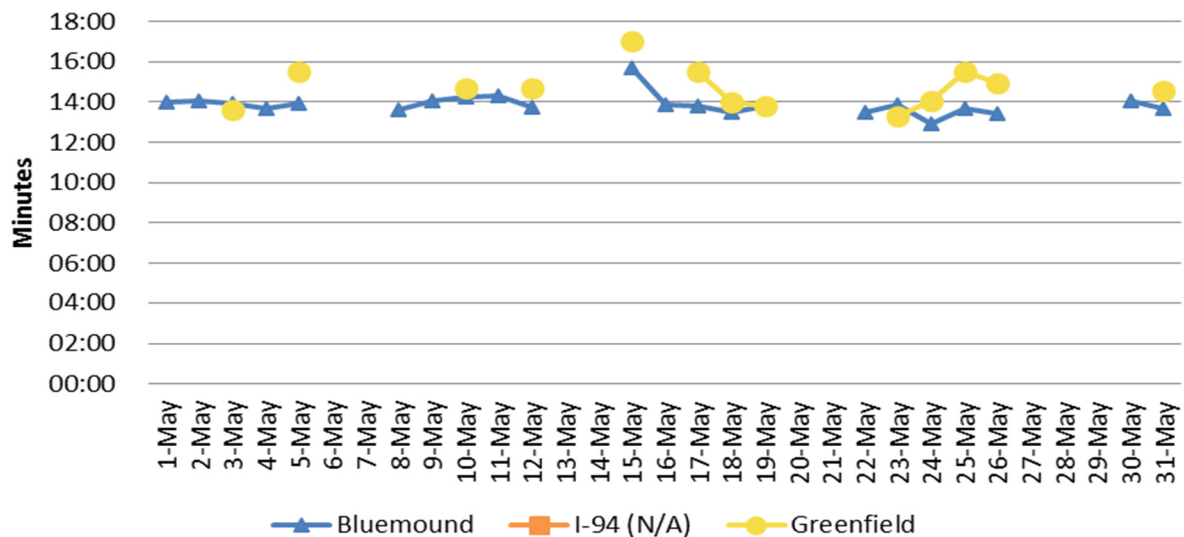
Barker Road to 84th Street (Eastbound)

AM



Barker Road to 84th Street (Eastbound)

PM



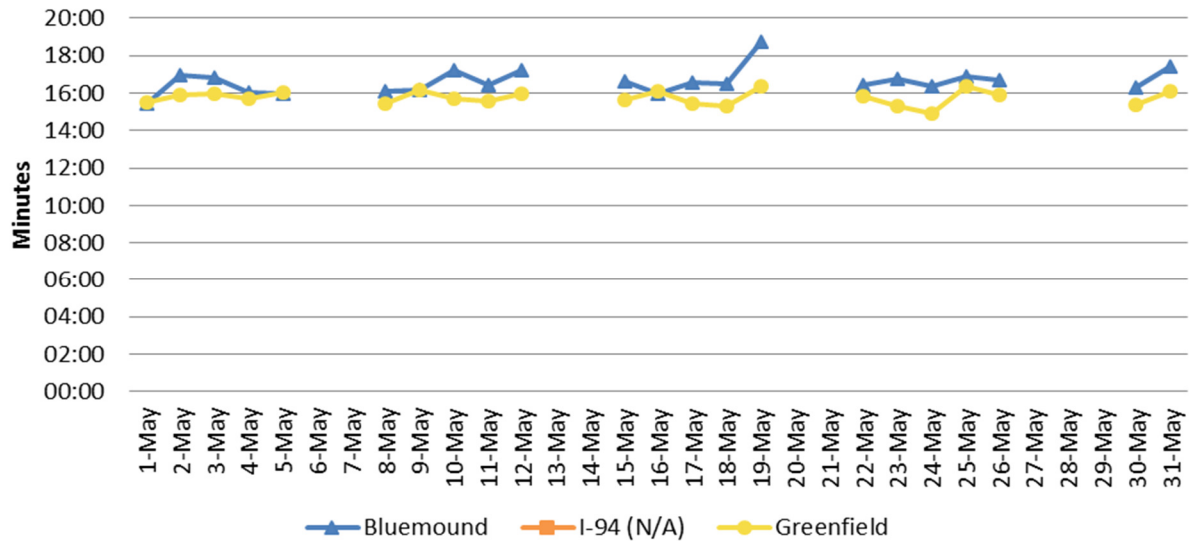
Notes: AM (6am to 9am) and PM (3pm to 6pm)

May 2017 freeway travel time data will be available in a future re-issue of this report.

CORRIDOR AVERAGE TRAVEL TIME

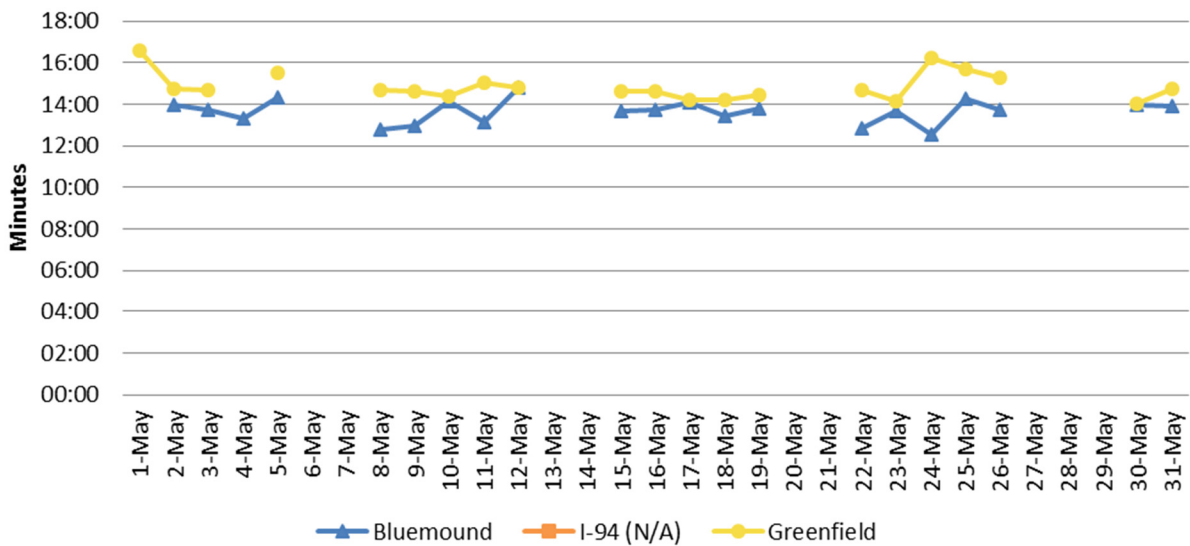
84th Street to Barker Road (Westbound)

AM



84th Street to Barker Road (Westbound)

PM



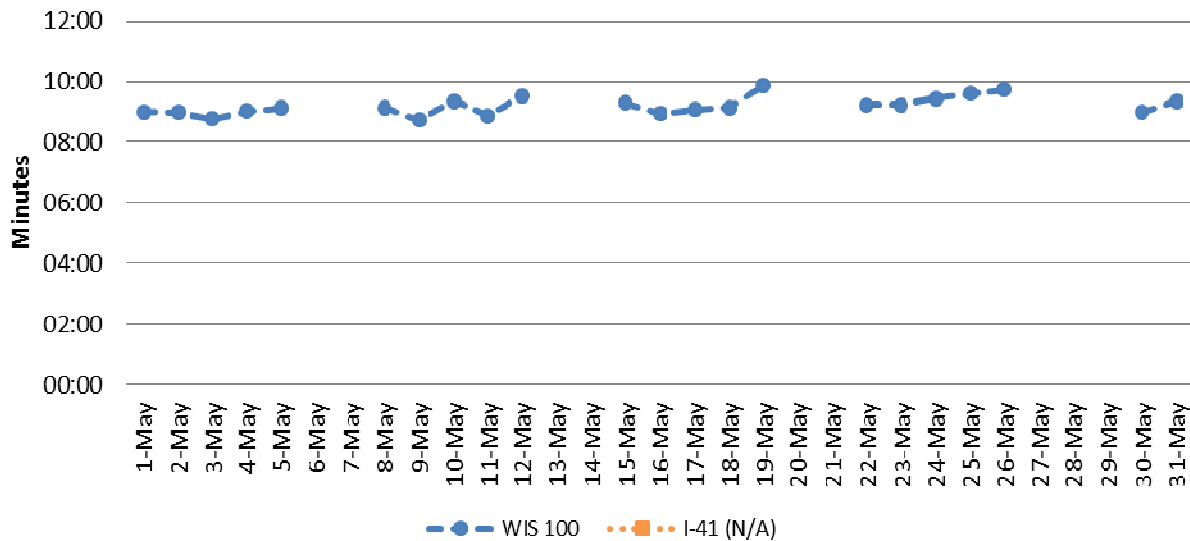
Notes: AM (6am to 9am) and PM (3pm to 6pm)

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CORRIDOR AVERAGE TRAVEL TIME

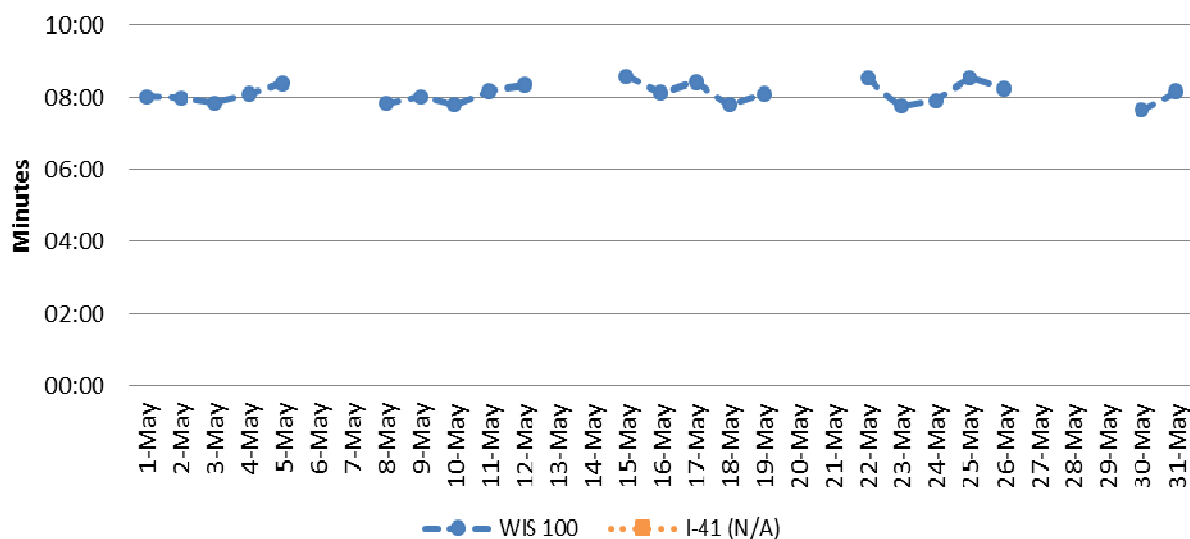
NORTH LEG - I-94 to Capitol Drive (NB)

AM



NORTH LEG - I-94 to Capitol Drive (NB)

PM



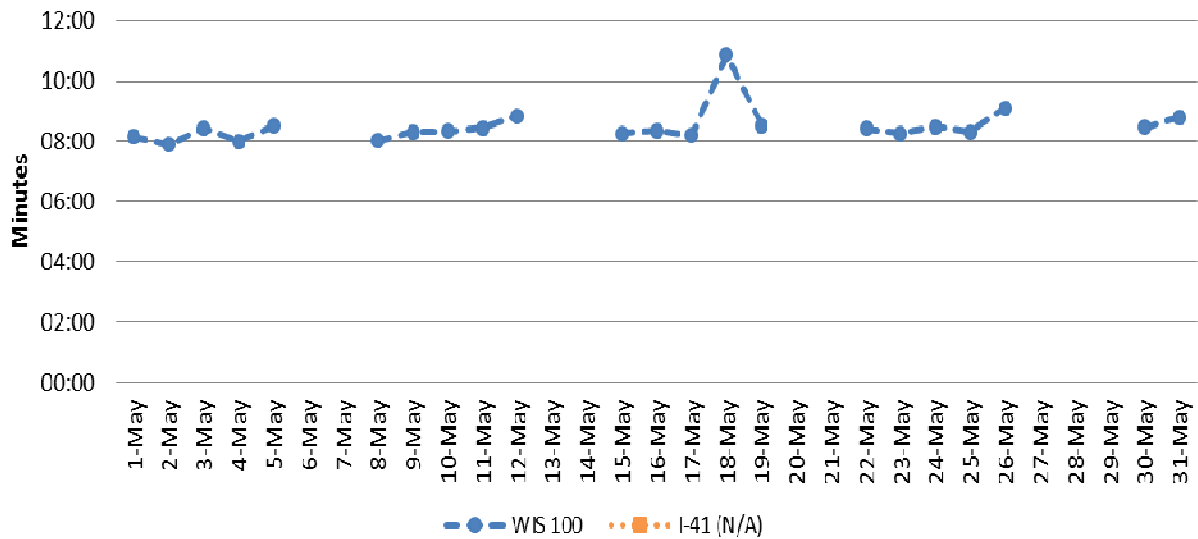
Notes: AM (6am to 9am) and PM (3pm to 6pm)

May 2017 freeway travel time data will be available in a future re-issue of this report.

CORRIDOR AVERAGE TRAVEL TIME

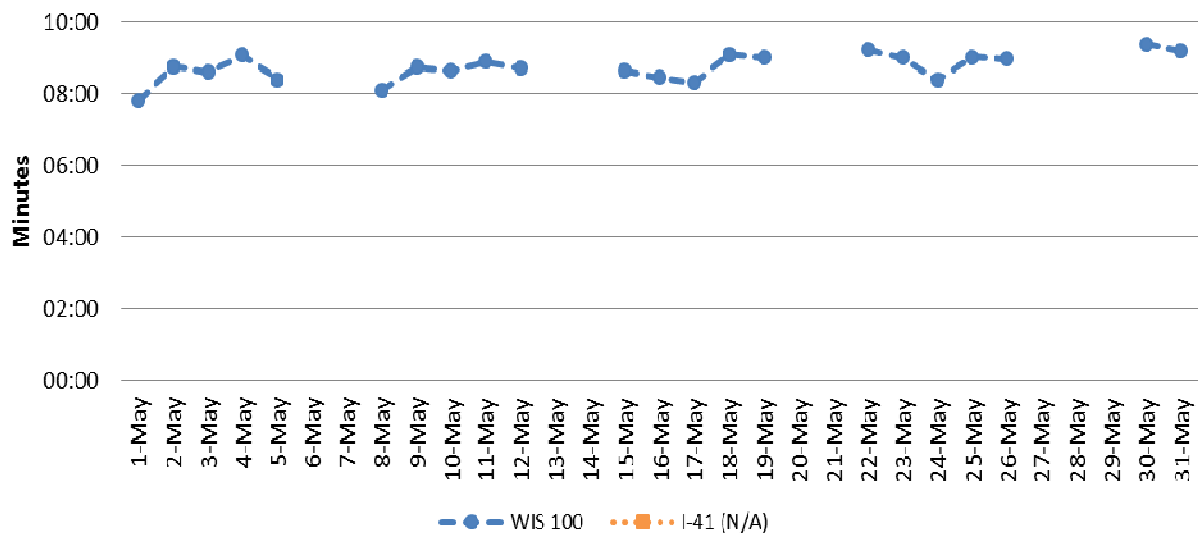
NORTH LEG - Capitol Drive to I-94 (SB)

AM



NORTH LEG - Capitol Drive to I-94 (SB)

PM



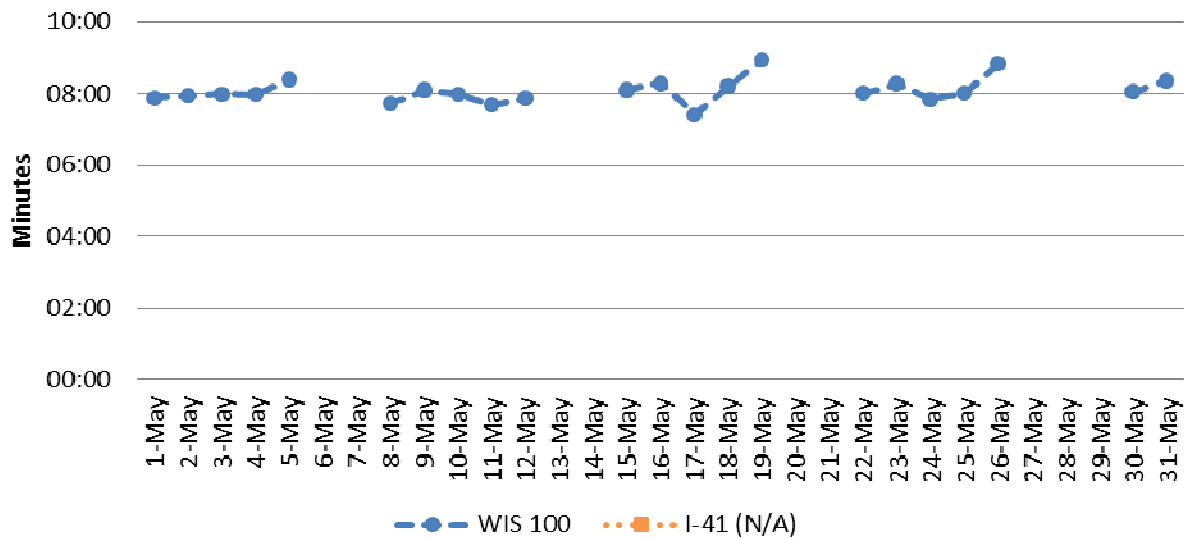
Notes: AM (6am to 9am) and PM (3pm to 6pm)

May 2017 freeway travel time data will be available in a future re-issue of this report.

CORRIDOR AVERAGE TRAVEL TIME

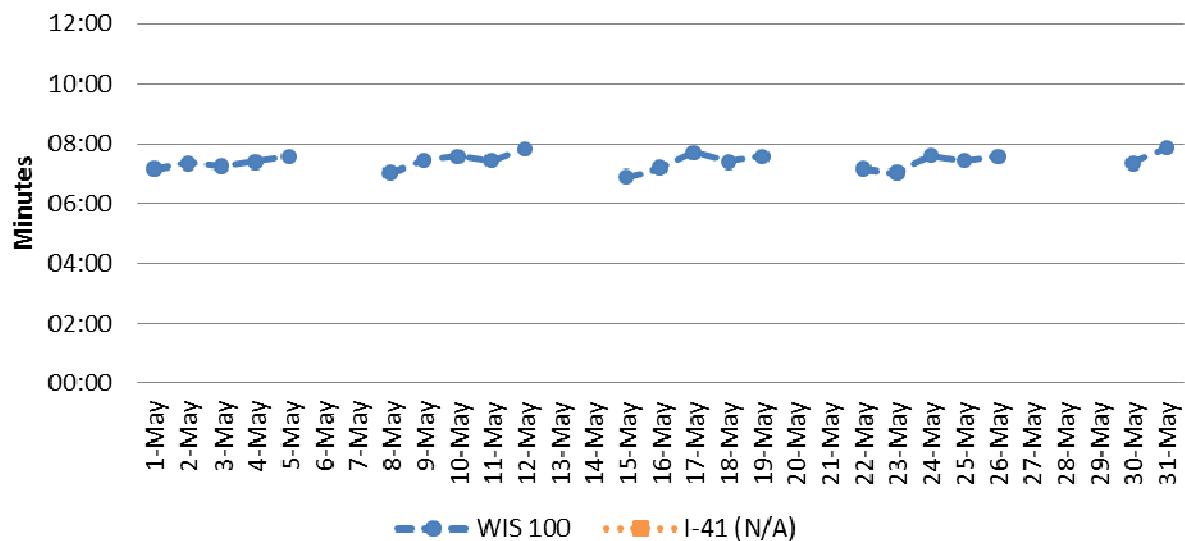
SOUTH LEG - Beloit Road to I-94 (NB)

AM



SOUTH LEG - Beloit Road to I-94 (NB)

PM



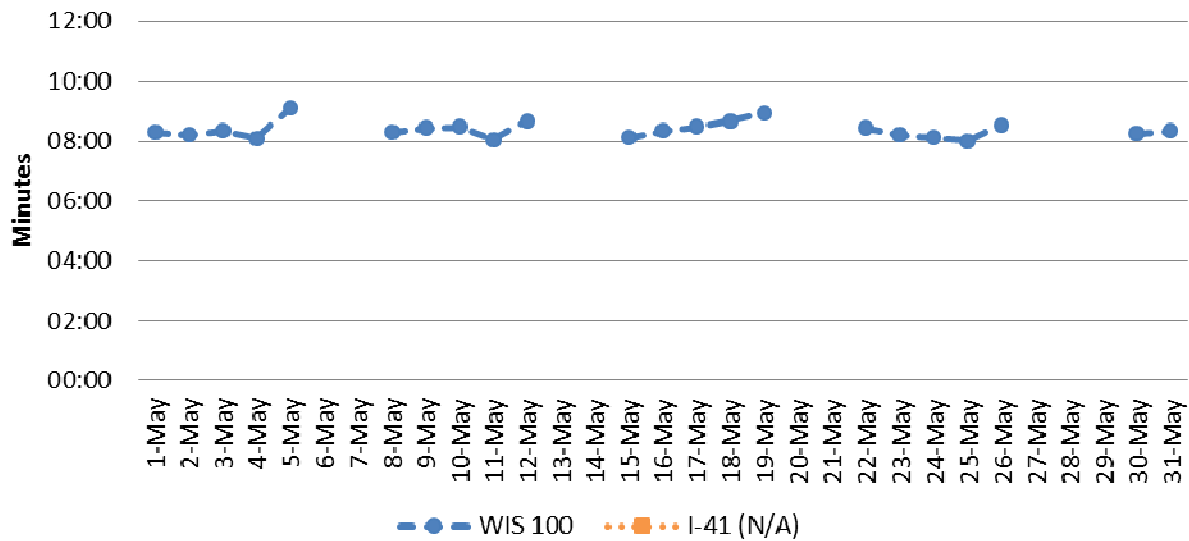
Notes: AM (6am to 9am) and PM (3pm to 6pm)

May 2017 freeway travel time data will be available in a future re-issue of this report.

CORRIDOR AVERAGE TRAVEL TIME

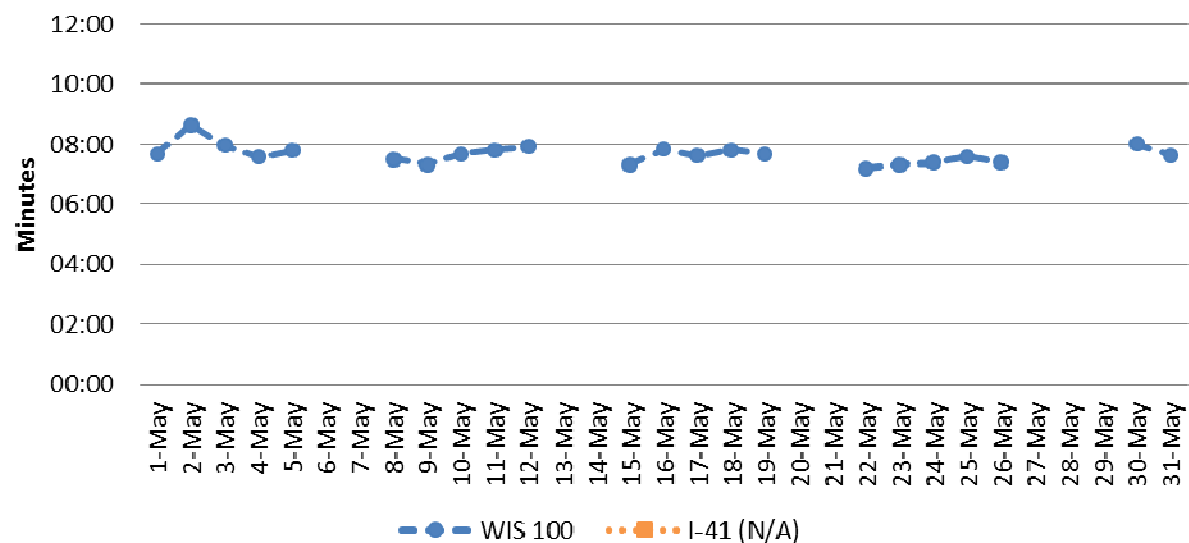
SOUTH LEG - I-94 to Beloit Road (SB)

AM



SOUTH LEG - I-94 to Beloit Road (SB)

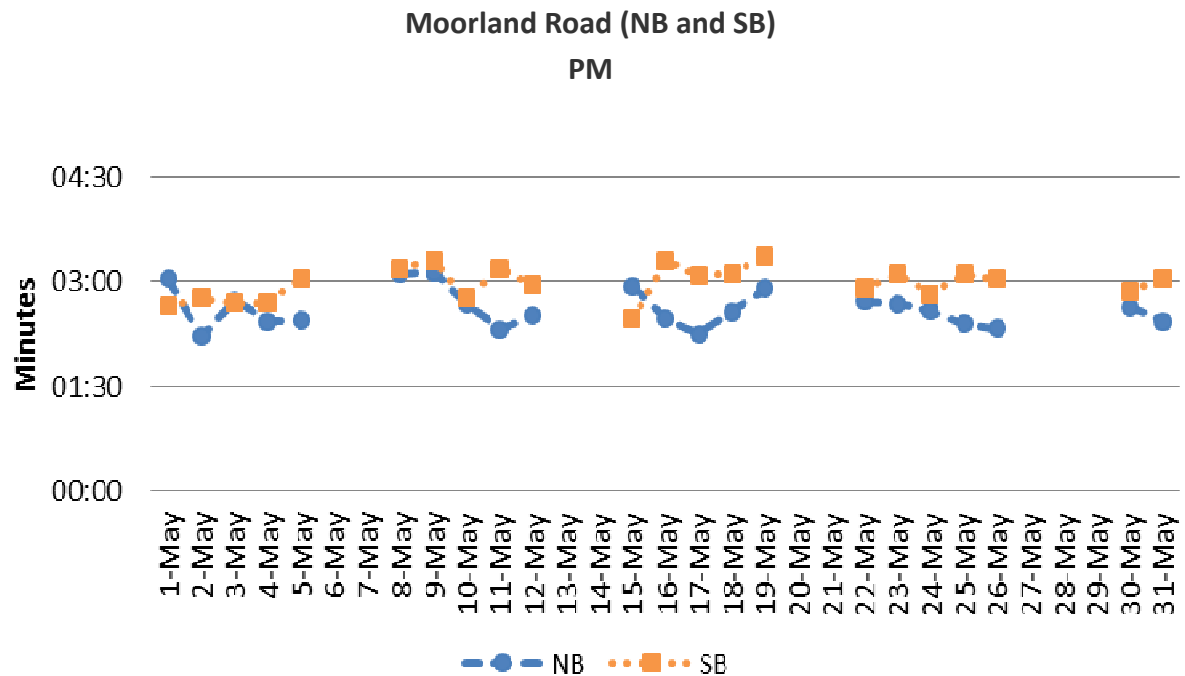
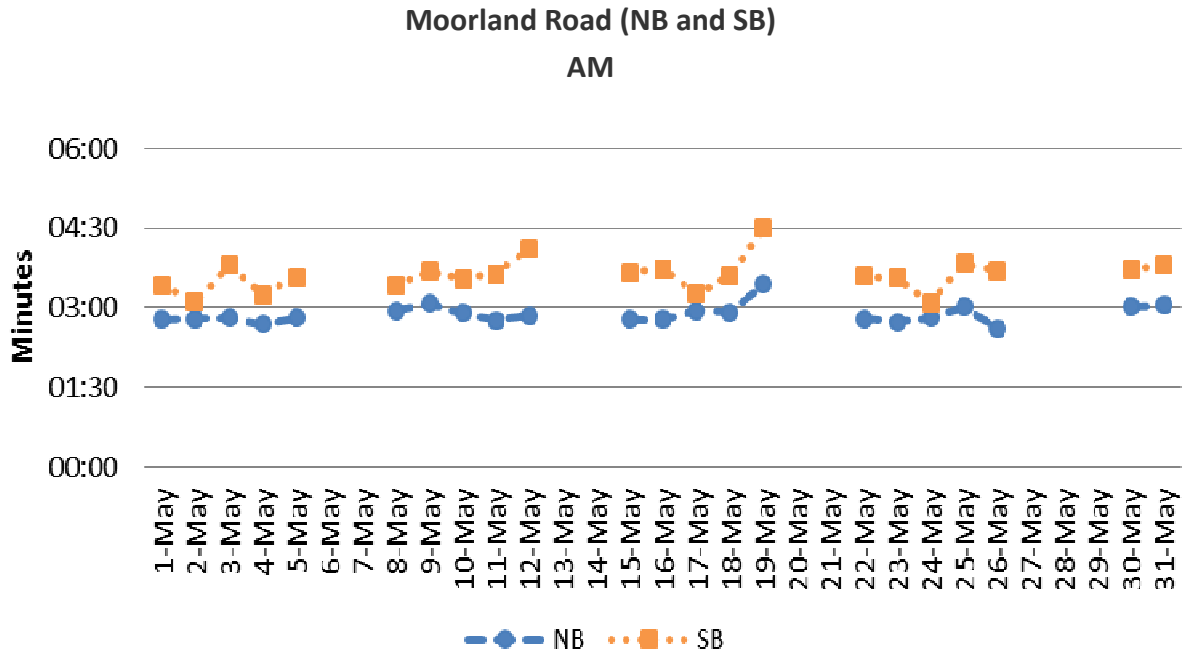
PM



Notes: AM (6am to 9am) and PM (3pm to 6pm)

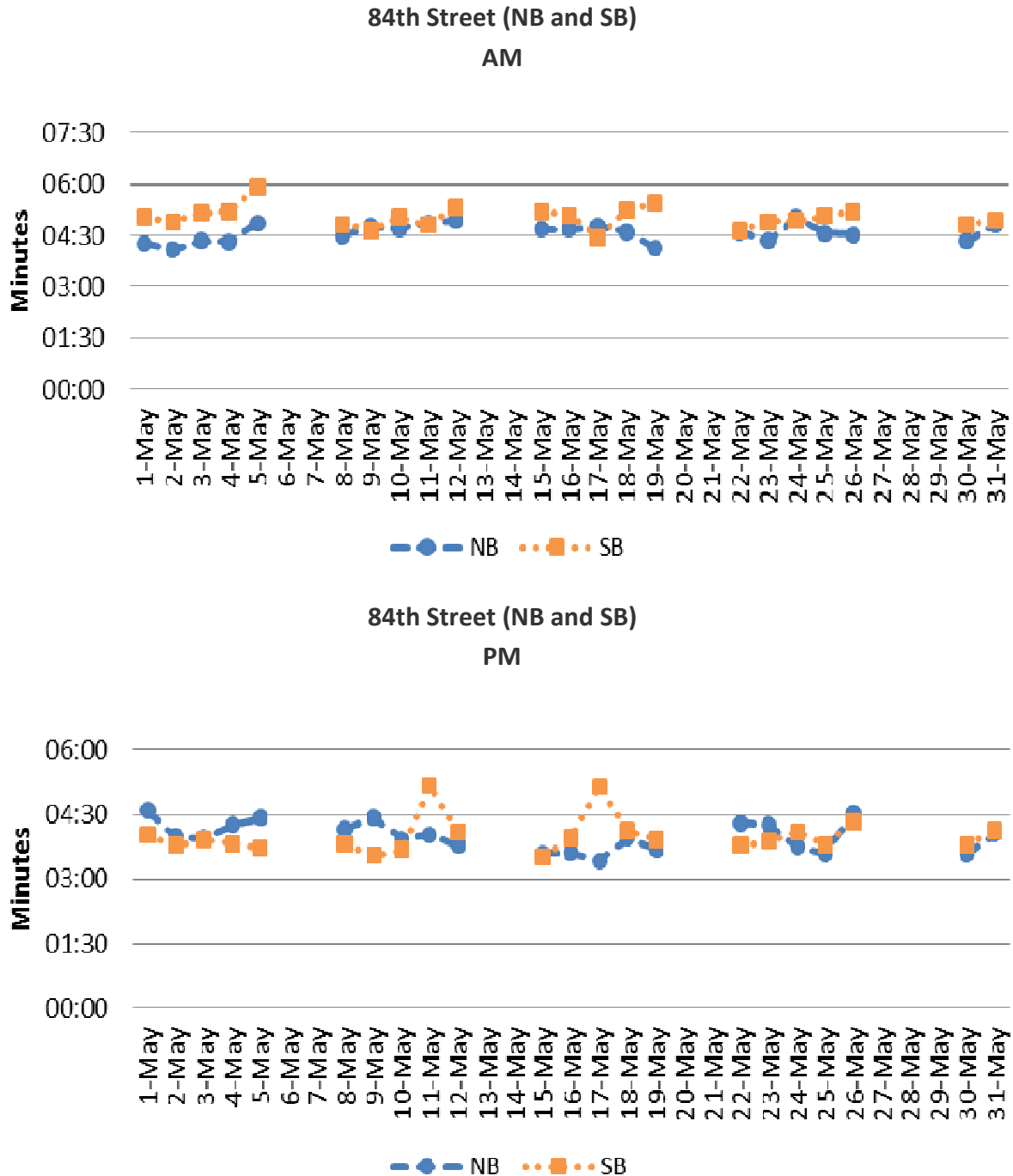
May 2017 freeway travel time data will be available in a future re-issue of this report.

CORRIDOR AVERAGE TRAVEL TIME



Notes: AM (6am to 9am) and PM (3pm to 6pm)

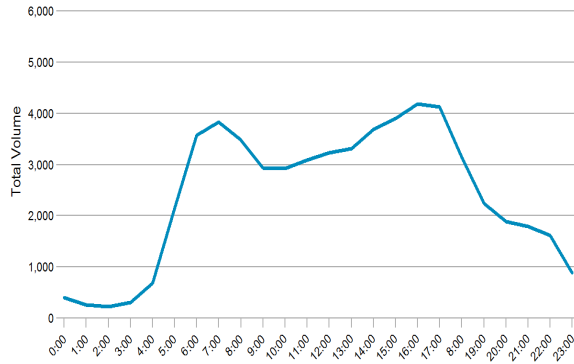
CORRIDOR AVERAGE TRAVEL TIME



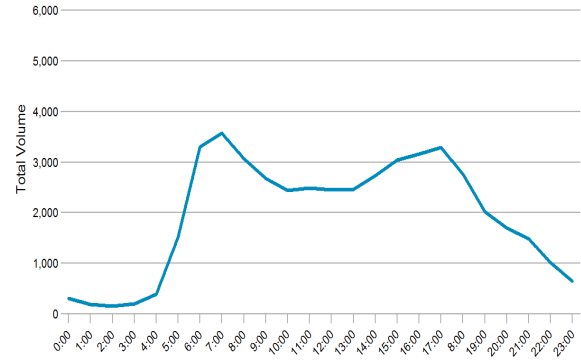
Notes: AM (6am to 9am) and PM (3pm to 6pm)

DIRECTIONAL VOLUMES—FREEWAYS

I-94 at 84th Street WB



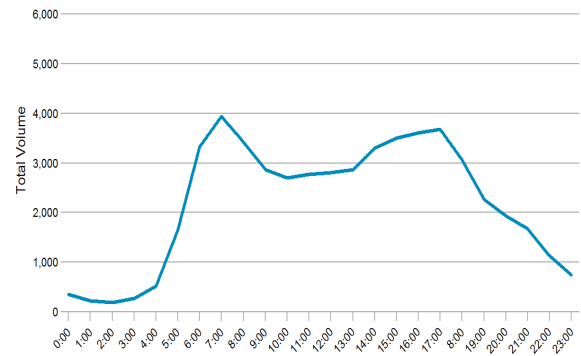
I-94 at 84th Street EB



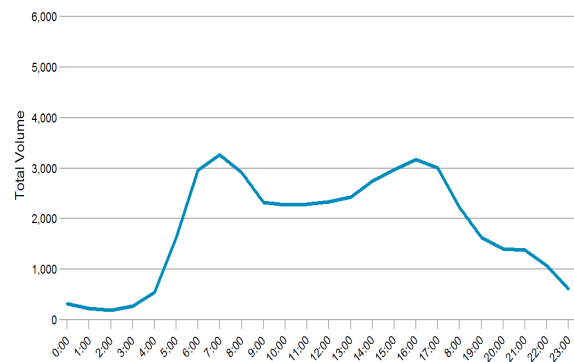
I-94 at WIS 100 WB

No Data Available

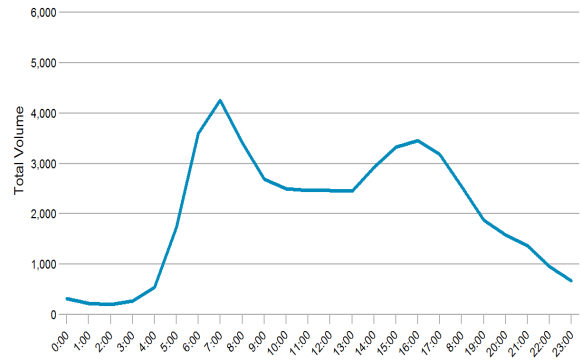
I-94 at WIS 100 EB



I-94 at Moorland Road WB



I-94 at Moorland Road EB



Notes: Volumes are an average of weekday volumes (Monday through Friday). No holidays.

DIRECTIONAL VOLUMES—FREEWAYS

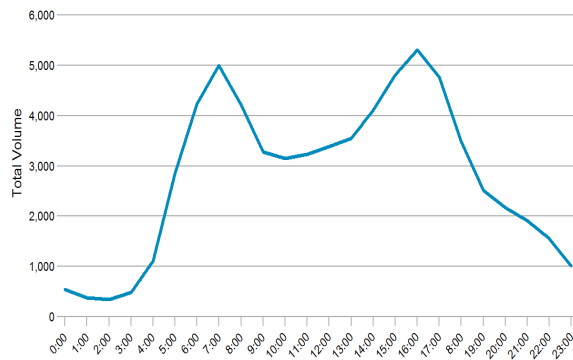
I-41 at Bluemound Road NB

No Data Available

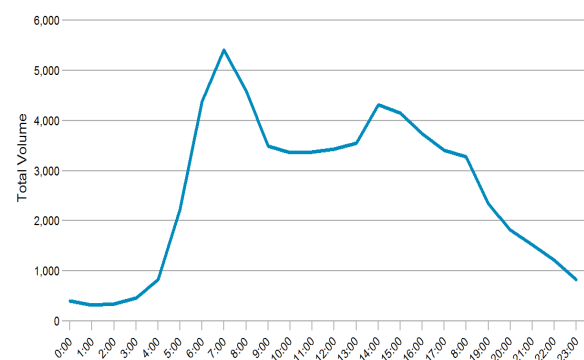
I-41 at Bluemound Road SB

No Data Available

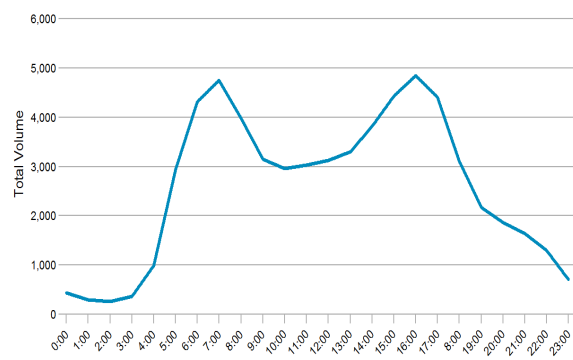
I-41 at Burleigh Street NB



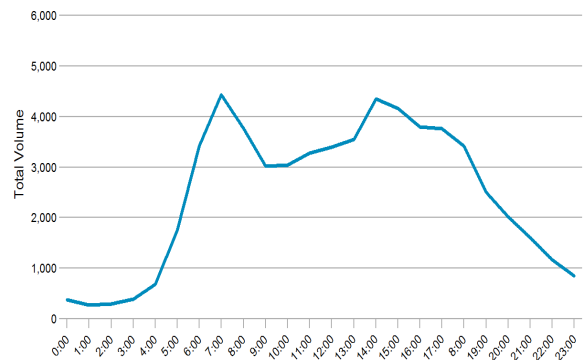
I-41 at Burleigh Street SB



I-41 at Watertown Plank Road NB



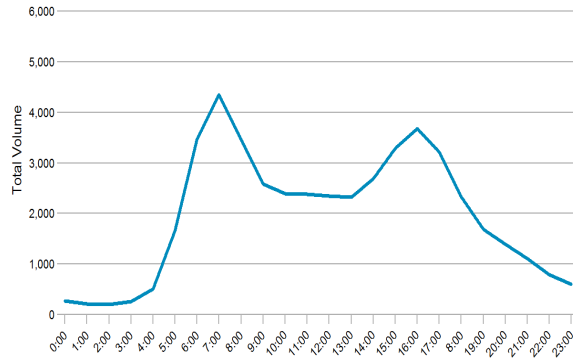
I-41 at Watertown Plank Road SB



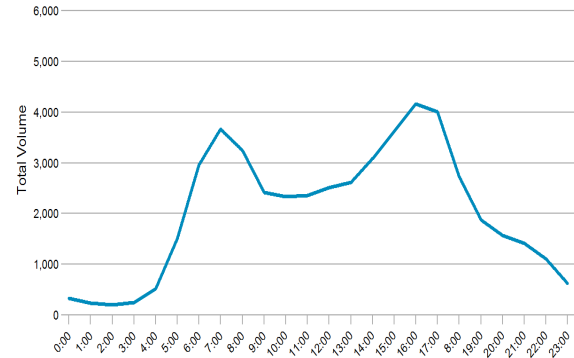
Notes: Volumes are an average of weekday volumes (Monday through Friday). No holidays.

DIRECTIONAL VOLUMES—FREEWAYS

I-94 at Barker Road EB



I-94 at Barker Road WB



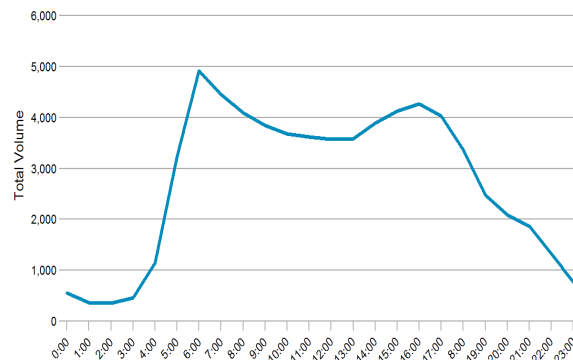
I-41 at Greenfield Avenue NB

No Data Available

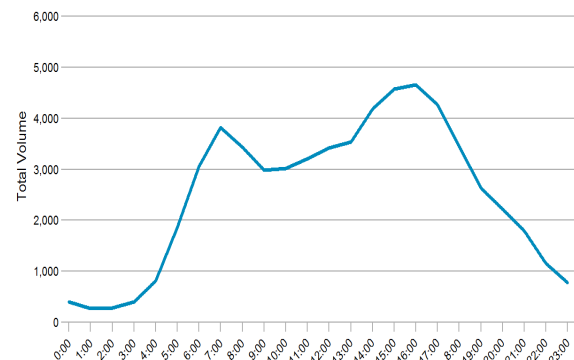
I-41 at Greenfield Avenue SB

No Data Available

I-41 at Cleveland Avenue NB

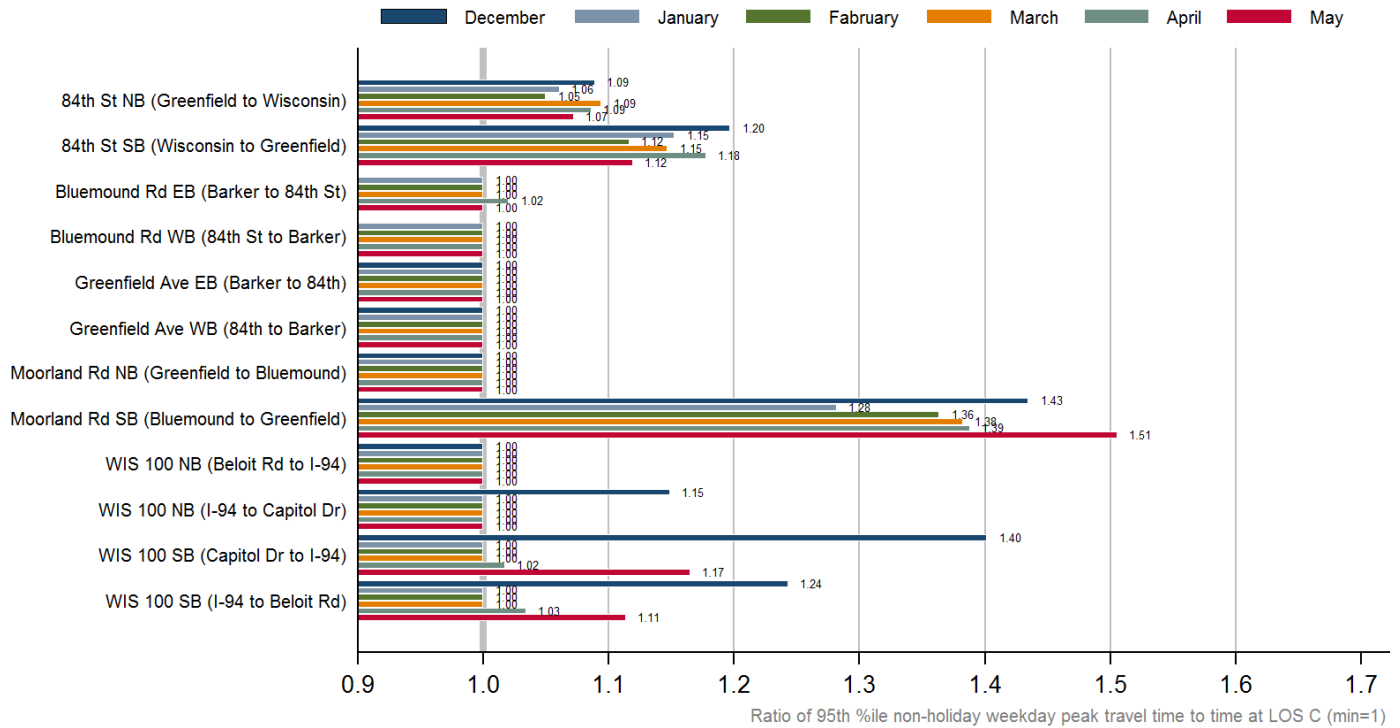


I-41 at Cleveland Avenue SB



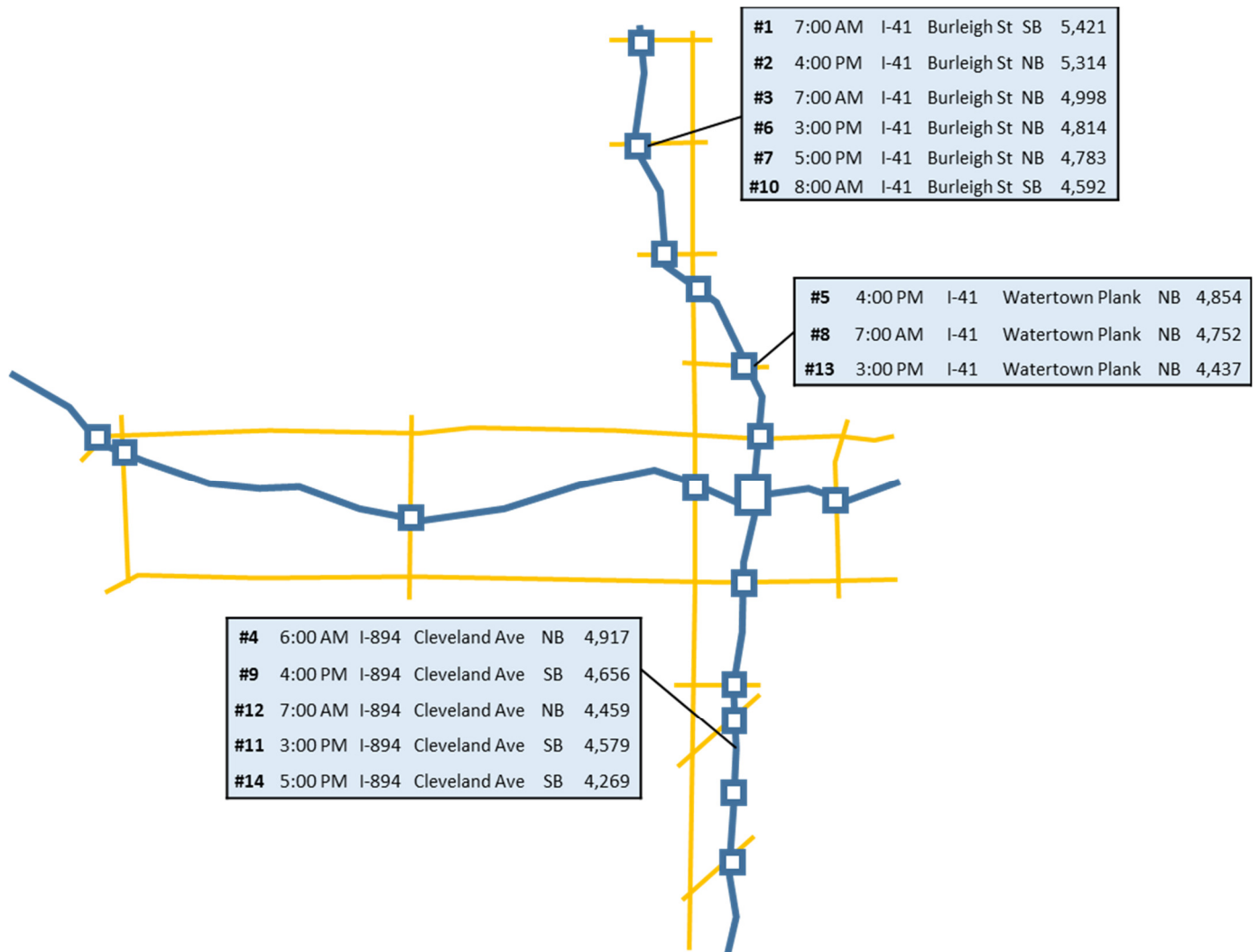
Notes: Volumes are an average of weekday volumes (Monday through Friday). No holidays.

PLANNING TIME INDEX (PTI)



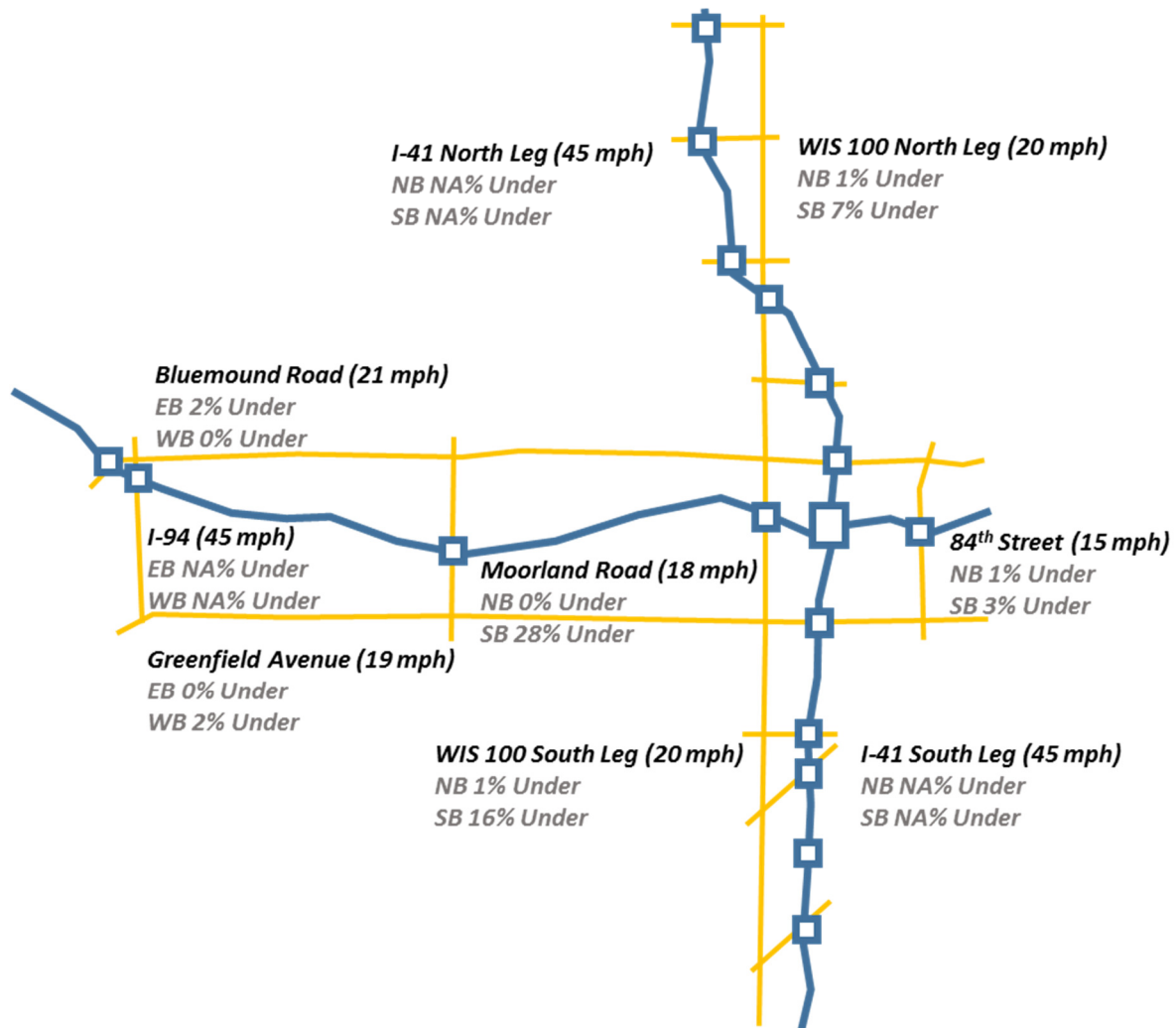
May 2017 freeway PTI data will be available in a future re-issue of this report.

TOP TRAFFIC VOLUME HOURS—FREEWAYS



Notes: Volume hours averaged over the month.
Weekdays, Non-holidays

PERCENT UNDER A GIVEN SPEED THRESHOLD

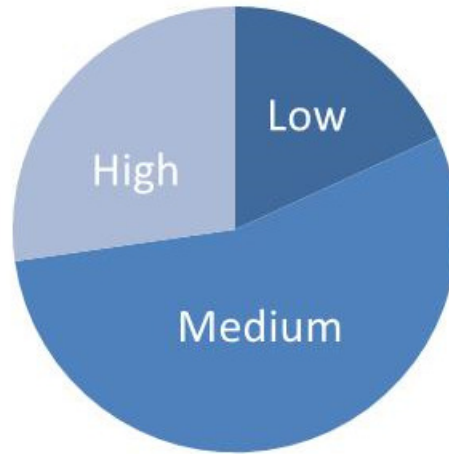


Notes: Percentages are peak hours [AM (6am to 9am) and PM (3pm to 6pm)] under the speed threshold noted next to each corridor. Weekdays, Non-holidays

Arterial street actual speed compared to LOS C speed which is 50% of the posted speed limit. The freeway actual speed is compared to 45 mph.

May 2017 freeway speed data will be available in a future re-issue of this report.

DEVICE FAILURE IMPACT



DEVICE	LOCATION	DAYS OUT	AADT	TOTAL VEHICLES	IMPACT
CCTV-40-0032	I-41/894 @ Beloit Rd	7	120,000	840,000	High
CCTV-40-0146	I-41 @ Swan Blvd	1	156,000	156,000	Medium
CCTV-40-0192	WIS 100 @ Center St	1	35,100	35,100	Low
CCTV-67-0003	I-94 @ Calhoun Rd	4	125,000	500,000	High
DMS-40-0004	I-41 SB @ Burleigh St	1	156,000	156,000	Medium
DMS-40-0126	Bluemound Rd WB @ 94th St/E of I-41	3	22,300	66,900	Low
RM-40-0004	I-94 EB @ 84th St	1	148,000	148,000	Medium
RM-40-0007	I-94 EB @ 68th St	1	148,000	148,000	Medium
RM-40-0036	I-41/894 NB @ Oklahoma Ave	1	111,000	111,000	Medium
RM-40-0103	I-41 SB @ Burleigh St	10	156,000	1,560,000	High
RM-67-0042	I-94 EB @ Moorland Rd SB	1	125,000	125,000	Medium

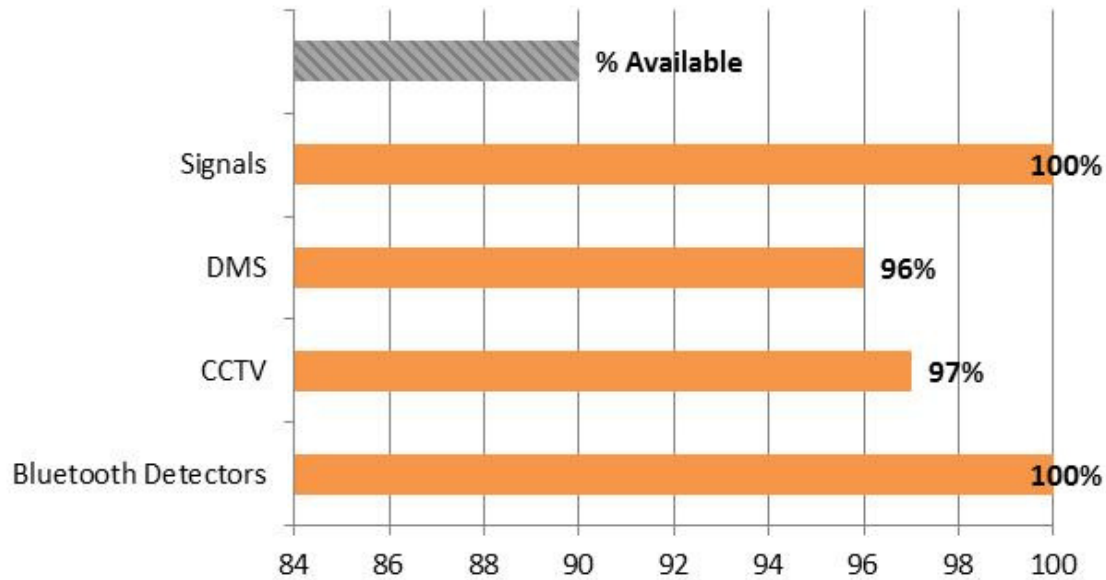
LOW <100,000
 MEDIUM 100,000 TO 500,000
 HIGH >500,000

Notes: Device Failure Impact tracks the status/health of an actual field device. This measure monitors the infrastructural investment and may assist with prioritizing response.

MAJOR COMMUNICATION FAILURE IMPACT

None for the month of May.

DEVICE COMMUNICATION AVAILABILITY



Measure Summary

CCTV Outages

WIS 100 @ Beloit Rd

Signals with Communication Failures

None

Bluetooth Outages

None

Signal Work Orders for May 2017

Work Order #	Signal #	Intersection Location	Start Date/Time
348135	S40-1072	WIS 100/National Ave	5/17/2017 6:49
347585	S40-1073	WIS 100/Oklahoma Ave	5/1/2017 11:32
348289	S40-1085	WIS 100/Burleigh St	5/19/2017 10:56
348310	S40-1085	WIS 100/Burleigh St	5/23/2017 6:49
348186	S40-1099	I-894 Ramps & Oklahoma Ave	5/18/2017 10:02
348283	S40-1099	I-894 Ramps & Oklahoma Ave	5/19/2017 8:51
347806	S40-1150	WIS 100/Bluemound Rd	5/4/2017 11:42
348312	S40-1150	WIS 100/Bluemound Rd	5/23/2017 6:59
347974	S40-1172	Greenfield Ave/101st St	5/12/2017 8:32
347684	S40-1387	Greenfield Ave/92nd St	5/2/2017 12:55
348446	S40-1387	Greenfield Ave/92nd St	5/26/2017 15:01
348427	S67-0112	Greenfield Ave/Moorland Rd	5/25/2017 11:51
348249	S67-0150	Greenfield Ave/Calhoun Rd	5/19/2017 7:13
348162	S67-0446	Barker Rd/I-94 WB Off Ramp	5/17/2017 14:41
347904	S67-1270	Bluemound Rd/Jennifer Dr	5/9/2017 15:54

Notes: Device Communication Availability tracks the status/health of communication infrastructure that services field devices. Unmanaged signals are offline due to construction or maintenance activities.

Appendix

Mobility

Performance Measure	Previous Month	Current Month	Target	Target Met	Last 3 Months	Trend*
CORRIDOR AVERAGE TRAVEL TIME (MIN:SEC)						
Bluemound Road—84th Street to Barker Road (EB) AM	14:59	15:17	22:00	✓	14:58	
Bluemound Road—84th Street to Barker Road (EB) PM	13:57	13:53	22:00	✓	14:01	
Bluemound Road—84th Street to Barker Road (WB) AM	15:59	16:37	22:00	✓	16:03	↓
Bluemound Road—84th Street to Barker Road (WB) PM	13:41	13:39	22:00	✓	13:43	
I-94—84th Street to Barker Road (EB) AM	n/a	n/a	10:08	n/a	n/a	
I-94—84th Street to Barker Road (EB) PM	n/a	n/a	10:08	n/a	n/a	
I-94—84th Street to Barker Road (WB) AM	n/a	n/a	10:08	n/a	n/a	
I-94—84th Street to Barker Road (WB) PM	n/a	n/a	10:08	n/a	n/a	
Greenfield Avenue—84th Street to Barker Road (EB) AM	15:19	15:15	23:41	✓	15:13	
Greenfield Avenue—84th Street to Barker Road (EB) PM	14:05	14:42	23:41	✓	14:38	↓
Greenfield Avenue—84th Street to Barker Road (WB) AM	15:38	15:45	23:41	✓	15:38	
Greenfield Avenue—84th Street to Barker Road (WB) PM	14:32	14:52	23:41	✓	14:46	
WIS 100 NORTH LEG—Capitol Drive to I-94 (NB) AM	09:04	09:12	12:12	✓	09:03	
WIS 100 NORTH LEG—Capitol Drive to I-94 (NB) PM	08:02	08:07	12:12	✓	08:02	
WIS 100 NORTH LEG—Capitol Drive to I-94 (SB) AM	08:30	08:30	12:12	✓	08:25	
WIS 100 NORTH LEG—Capitol Drive to I-94 (SB) PM	08:45	08:44	12:12	✓	08:40	
I-41—Capitol Drive to I-94 (NB) AM	n/a	n/a	06:24	n/a	n/a	
I-41—Capitol Drive to I-94 (NB) PM	n/a	n/a	06:24	n/a	n/a	
I-41—Capitol Drive to I-94 (SB) AM	n/a	n/a	06:24	n/a	n/a	
I-41—Capitol Drive to I-94 (SB) PM	n/a	n/a	06:24	n/a	n/a	
WIS 100 SOUTH LEG—I-94 to Beloit Road (NB) AM	07:56	08:05	11:36	✓	07:56	
WIS 100 SOUTH LEG—I-94 to Beloit Road (NB) PM	07:31	07:24	11:36	✓	07:30	
WIS 100 SOUTH LEG—I-94 to Beloit Road (SB) AM	08:21	08:23	11:36	✓	08:16	
WIS 100 SOUTH LEG—I-94 to Beloit Road (SB) PM	07:33	07:40	11:36	✓	07:35	
I-41—I-94 to Beloit Road (NB) AM	n/a	n/a	04:24	n/a	n/a	
I-41—I-94 to Beloit Road (NB) PM	n/a	n/a	04:24	n/a	n/a	
I-41—I-94 to Beloit Road (SB) AM	n/a	n/a	04:24	n/a	n/a	
I-41—I-94 to Beloit Road (SB) PM	n/a	n/a	04:24	n/a	n/a	
Moorland Road (NB) AM	02:48	02:53	04:36	✓	02:48	
Moorland Road (NB) PM	02:32	02:37	04:36	✓	02:33	
Moorland Road (SB) AM	03:35	03:37	04:36	✓	03:32	
Moorland Road (SB) PM	02:53	02:58	04:36	✓	02:58	
84th Street (NB) AM	04:39	04:35	06:12	✓	04:37	
84th Street (NB) PM	03:53	04:00	06:12	✓	03:57	
84th Street (SB) AM	05:06	05:02	06:12	✓	05:01	
84th Street (SB) PM	04:03	04:00	06:12	✓	03:58	

*Trend = difference of 30 seconds or more from previous to current month

May 2017 freeway travel time data will be available in a future re-issue of this report.

Mobility

Performance Measure	Previous Month	Current Month	Target	Target Met	Last 3 Months	Trend*
CORRIDOR AVERAGE SPEED (MPH)						
Bluemound Road—84th Street to Barker Road (EB) AM	31	30	21	✓	31	
Bluemound Road—84th Street to Barker Road (EB) PM	33	33	21	✓	33	
Bluemound Road—84th Street to Barker Road (WB) AM	29	28	21	✓	29	
Bluemound Road—84th Street to Barker Road (WB) PM	34	34	21	✓	34	
I-94—84th Street to Barker Road (EB) AM	n/a	n/a	45	n/a	n/a	
I-94—84th Street to Barker Road (EB) PM	n/a	n/a	45	n/a	n/a	
I-94—84th Street to Barker Road (WB) AM	n/a	n/a	45	n/a	n/a	
I-94—84th Street to Barker Road (WB) PM	n/a	n/a	45	n/a	n/a	
Greenfield Avenue—84th Street to Barker Road (EB) AM	29	30	19	✓	30	
Greenfield Avenue—84th Street to Barker Road (EB) PM	32	31	19	✓	31	
Greenfield Avenue—84th Street to Barker Road (WB) AM	29	29	19	✓	29	
Greenfield Avenue—84th Street to Barker Road (WB) PM	31	30	19	✓	30	
WIS 100 NORTH LEG—Capitol Drive to I-94 (NB) AM	27	27	20	✓	27	
WIS 100 NORTH LEG—Capitol Drive to I-94 (NB) PM	31	31	20	✓	31	
WIS 100 NORTH LEG—Capitol Drive to I-94 (SB) AM	29	29	20	✓	29	
WIS 100 NORTH LEG—Capitol Drive to I-94 (SB) PM	29	29	20	✓	29	
I-41—Capitol Drive to I-94 (NB) AM	n/a	n/a	45	n/a	n/a	
I-41—Capitol Drive to I-94 (NB) PM	n/a	n/a	45	n/a	n/a	
I-41—Capitol Drive to I-94 (SB) AM	n/a	n/a	45	n/a	n/a	
I-41—Capitol Drive to I-94 (SB) PM	n/a	n/a	45	n/a	n/a	
WIS 100 SOUTH LEG—I-94 to Beloit Road (NB) AM	28	28	20	✓	28	
WIS 100 SOUTH LEG—I-94 to Beloit Road (NB) PM	30	31	20	✓	30	
WIS 100 SOUTH LEG—I-94 to Beloit Road (SB) AM	27	27	20	✓	27	
WIS 100 SOUTH LEG—I-94 to Beloit Road (SB) PM	30	30	20	✓	30	
I-41—I-94 to Beloit Road (NB) AM	n/a	n/a	45	n/a	n/a	
I-41—I-94 to Beloit Road (NB) PM	n/a	n/a	45	n/a	n/a	
I-41—I-94 to Beloit Road (SB) AM	n/a	n/a	45	n/a	n/a	
I-41—I-94 to Beloit Road (SB) PM	n/a	n/a	45	n/a	n/a	
Moorland Road (NB) AM	28	27	18	✓	28	
Moorland Road (NB) PM	31	30	18	✓	31	
Moorland Road (SB) AM	22	22	18	✓	22	
Moorland Road (SB) PM	27	26	18	✓	26	
84th Street (NB) AM	20	20	15	✓	20	
84th Street (NB) PM	24	23	15	✓	23	
84th Street (SB) AM	18	18	15	✓	18	
84th Street (SB) PM	23	23	15	✓	23	

*Trend = difference of 4 mph or more from previous to current month

May 2017 freeway speed data will be available in a future re-issue of this report.

Mobility

Performance Measure	Previous Month	Current Month	Target	Target Met	Last 3 Months	Trend*
DIRECTIONAL VOLUMES OF FREEWAYS (ADT)						
I-94 & 84th Street WB	57,281	57,893			56,950	
I-94 & 84th Street EB	45,382	47,114			46,743	
I-94 & WIS 100 WB	n/a	n/a			n/a	
I-94 & WIS 100 EB	51,970	52,857			50,522	
I-94 & Moorland Road WB	45,584	44,189			45,567	
I-94 & Moorland Road EB	47,917	49,040			48,001	
I-94 & Barker Road EB	48,446	47,246			47,939	
I-94 & Barker Road WB	48,212	49,407			48,140	
I-41 & Bluemound Road NB	n/a	n/a			n/a	
I-41 & Bluemound Road SB	n/a	n/a			n/a	
I-41 & Burleigh Street NB	65,277	67,441			65,354	
I-41 & Burleigh Street SB	n/a	62,779			61,474	
I-41 & Watertown Plank Road NB	61,182	62,235			61,056	
I-41 & Watertown Plank Road SB	60,256	59,340			59,978	
I-41 & Greenfield Avenue NB	n/a	n/a			n/a	
I-41 & Greenfield Avenue SB	n/a	n/a			n/a	
I-41 & Oklahoma Avenue NB	65,418	66,107			65,230	
I-41 & Oklahoma Avenue SB	60,551	60,261			60,118	

*Trend = > 3000 ADT difference from previous to current month

Reliability

Performance Measure	Previous Month	Current Month	Target	Target Met	Last 3 Months	Trend*
PERCENT UNDER A GIVEN SPEED THRESHOLD (%)			<50%			
Bluemound Road (EB)	3%	2%		✓	2%	
Bluemound Road (WB)	0%	0%		✓	0%	
Greenfield Avenue (EB)	0%	0%		✓	0%	
Greenfield Avenue (WB)	0%	2%		✓	1%	
Moorland Road (NB)	0%	0%		✓	0%	
Moorland Road (SB)	23%	28%		✓	23%	↓
84th Street (NB)	3%	1%		✓	2%	
84th Street (SB)	8%	3%		✓	7%	↑
WIS 100 North Leg (NB)	0%	1%		✓	1%	
WIS 100 North Leg (SB)	2%	7%		✓	4%	↓
WIS 100 South Leg (NB)	0%	1%		✓	1%	
WIS 100 South Leg (SB)	12%	16%		✓	12%	
I-94 (EB)	N/A	N/A		N/A	N/A	
I-94 (WB)	N/A	N/A		N/A	N/A	
I-41 North Leg (NB)	N/A	N/A		N/A	N/A	
I-41 North Leg (SB)	N/A	N/A		N/A	N/A	
I-41 South Leg (NB)	N/A	N/A		N/A	N/A	
I-41 South Leg (SB)	N/A	N/A		N/A	N/A	

*Trend = 5% or more difference from previous to current month

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